

Title (en)

Stabilized thermoplastic polymer compositions

Title (de)

Stabilisierte thermoplastische Polymerzusammensetzung

Title (fr)

Composition polymérique thermoplastique stabilisée

Publication

**EP 0781803 A1 19970702 (EN)**

Application

**EP 96309447 A 19961223**

Priority

- US 57815595 A 19951229
- US 60351796 A 19960220

Abstract (en)

A thermoplastic polymer composition includes a polyolefin polymer, a phosphorus-containing antioxidant compound, and a co-additive that includes one or more of (i) a polyalkylene glycol, (ii) a polyalkylene oxide, and (iii) a sterically hindered amine compound. Also disclosed are methods for preparing such polymers as well as methods for hindering the oxidative degradation and the rate of antioxidant consumption of such polymers.

IPC 1-7

**C08K 5/524**; **C08K 5/06**; **C08L 23/02**

IPC 8 full level

**C08K 3/36** (2006.01); **C08K 5/06** (2006.01); **C08K 5/13** (2006.01); **C08K 5/17** (2006.01); **C08K 5/524** (2006.01); **C08L 23/00** (2006.01); **C08L 23/04** (2006.01); **C08L 25/04** (2006.01); **C08L 67/00** (2006.01); **C08L 69/00** (2006.01); **C08L 71/00** (2006.01); **C08L 71/02** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP KR)

**C08K 5/06** (2013.01 - EP); **C08K 5/52** (2013.01 - KR); **C08K 5/524** (2013.01 - EP); **C08L 23/04** (2013.01 - KR); **C08L 71/02** (2013.01 - KR)

Citation (applicant)

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Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

**EP 0781803 A1 19970702**; JP H09291180 A 19971111; KR 970061966 A 19970912

DOCDB simple family (application)

**EP 96309447 A 19961223**; JP 34918796 A 19961227; KR 19960078096 A 19961230